



ABB France, 11 rue d'Arsonval, 69680 Chassieu

To whom it concerns

BUSINESS AREA

DOCUMENT ID

DATE

Electrification

1SBD350849R1000

2026-01-21

Manufacturer Declaration

We ABB France, declare under our sole responsibility that the following 3-pole and 4-pole 4 N.O. main poles contactors are compliant to the relevant product standard IEC60947-4-1 Ed5.0 2023 - Low-voltage switchgear and controlgear, Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters:

3-pole contactors	4-pole contactors	
LS04N-30-10-xx LS04N-30-01-xx LS05N-30-10-xx LS05N-30-01-xx LS07N-30-10-xx LS07N-30-01-xx LS11N-30-00-xx LS15N-30-00-xx LS18N-30-00-xx	LS04N-40-00-xx LS07N-40-00-xx LS18N-40-00-xx	<i>U_i = 690 V with coil voltage codes xx = ED, EN, EU</i>
LS22N-30-00-xx LS30N-30-00-xx	LS22N-40-00-xx	<i>U_i = 690 V with coil voltage codes xx = ED, EN</i>
LS37N-30-00-xx LS45N-30-00-xx	LS37N-40-00-xx	<i>U_i = 1000 V with coil voltage codes xx = ED, EN</i>

Siège social

ABB France

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Certified
ISO9001,
IRIS
ISO14001

These 3 and 4-pole contactors satisfy both below requirements as defined for the interface device (DDI – dispositivo di interfaccia) by CEI 0-16 V5 and CEI 0-21 V3 standards:

- when N.O. main poles are open, the minimum air insulation distances between the contacts (upstream/downstream) are the following:
 - 230 / 400 V AC: 4 mm
 - 400 / 690 V AC: 8 mm

Note: 1000 V AC: 12 mm, not applying for above listed contactors.

The contactors are not dedicated devices suitable for isolation.

- the use of mirror contact is recommended (not mandatory):
LS04N ... LS07N-30-01-.. 3-pole contactors include a built-in N.C. auxiliary contact, defined as mirror contacts according to annex F of IEC60947-4-1.
LS04N ... LS45N 3-pole or 4-pole contactors can be equipped with additional auxiliary contact blocks (1-pole H04N-F-01, 2-pole H04N-L-11), including N.C. auxiliary contacts defined as mirror contacts according to annex F of IEC60947-4-1.

This declaration is valid for a maximum of two years after the date stated above and for the present design according to the standards as written in the data sheets. Also, a change of design could make this declaration invalid.

All former confirmations or certificates issued by us before date of this confirmation/certificate are to be considered null and void and have no further validity.

R&D Certification Manager

R&D Manager

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